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Self-Aligning Pads • adjustable, self-resetting

EH 22741.



Product Description

Self-aligning pads are used as stop, support and thrust pad and are suitable for installation in clamping elements.
By resetting to the parallel position the contact point of the self-aligning pad provides a defined initial position, thus preventing the pad clamping in an oblique position when inserting the workpiece.

Material

Spring element
- Thermoplastic PUR

Ball
- Ball-bearing steel, hardened, bright
- Stainless steel 1.3541, nickel-plated

Body
- Heat-treated steel, tempered, phosphated
- Stainless steel 1.4057, heat-treated

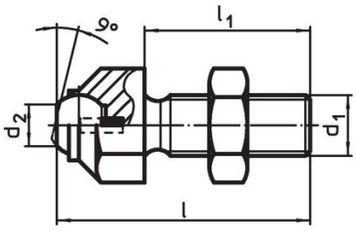
Nut
- Steel, blackened (ISO 4035)
- Stainless steel

More information

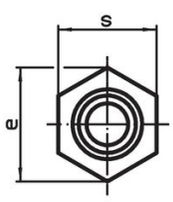
Notes

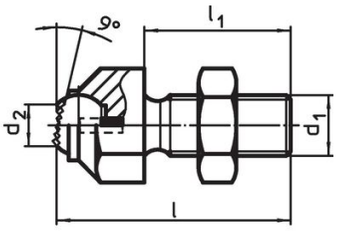
Ball protected against rotating.
Loading capacity valid for steel and stainless steel designs.
Customized design on request.

Drawing



picture 1





picture 2

Order information

d_1	Dimensions l	l_1	d_2	e	Ball diameter	Load capacity for static load max. [kN]	Tightening torque max. [Nm]	[g]	Art. No.
			[mm]						
with flat-faced ball, bearing surface plain – picture 1, Heat-treated steel									
M 8	36.6	25	5.8	14.5	8.5	8	25	20	22741.0013
M10	45.7	30	8.6	19.0	12.0	8	46	44	22741.0016
M12	50.7	35	8.6	19.0	12.0	15	82	57	22741.0017
M16	60.7	40	10.5	27.0	16.0	25	206	129	22741.0024
M20	77.3	50	20.0	33.0	25.0	90	407	275	22741.0030
M24	100.0	70	20.0	40.0	25.0	90	698	466	22741.0036
M30 x 1,5	100.0	65	34.6	51.0	40.0	165	1355	584	22741.0046
with flat-faced ball, bearing surface plain – picture 1, Stainless steel									
M 8	36.6	25	5.8	14.5	8.5	8	25	20	22741.0113
M10	45.7	30	8.6	19.0	12.0	8	46	44	22741.0116
M12	50.7	35	8.6	19.0	12.0	15	82	56	22741.0117
M16	60.7	40	10.5	27.0	16.0	25	206	127	22741.0124
M20	77.3	50	20.0	33.0	25.0	90	407	269	22741.0130
M24	100.0	70	20.0	40.0	25.0	90	698	464	22741.0136
M30 x 1,5	100.0	65	34.6	51.0	40.0	165	1355	879	22741.0146
with flat-faced ball, bearing surface ribbed – picture 2, Heat-treated steel									
M 8	36.6	25	5.8	14.5	8.5	8	25	20	22741.0313
M10	45.7	30	8.6	19.0	12.0	8	46	44	22741.0316
M12	50.7	35	8.6	19.0	12.0	15	82	57	22741.0317

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Dimensions						Load capacity for static load max.	Tightening torque max.		Art. No.
d_1	l	l_1	d_2	e	Ball diameter				
[mm]						[kN]	[Nm]	[g]	
M16	60.7	40	10.5	27.0	16.0	25	206	128	22741.0324
M20	77.3	50	20.0	33.0	25.0	90	407	243	22741.0330
M24	100.0	70	20.0	40.0	25.0	90	698	466	22741.0336
M30 x 1,5	100.0	65	34.6	51.0	40.0	165	1355	915	22741.0346

Compliance

For detailed compliance information please select the desired article number.